



## Cluster for Logistics Conference

*November 21<sup>st</sup> 2017 / 13:00-18:00*

*Chamber of Commerce – Luxembourg*

### **ROBOTICS AND ARTIFICIAL INTELLIGENCE CHANGE THE LOGISTICS LANDSCAPE**

Emerging technologies like robotics, artificial intelligence or robo advisors will have a big impact on Industry 4.0 and hence transport & logistics as well as the industrial shipper's warehouses and supply chains. Case stories and demonstrations give precious insights to evaluate the impact on your business and the Cluster for Logistics (C4L) cooperates with the Benelux Roundtable of Council of Supply Chain Management Professionals (CSCMP) to assemble an international panel of speakers at this conference.

Registration via [www.c4l.lu/robotics](http://www.c4l.lu/robotics)

#### **Our Sponsors**



With the support of

## Our Speakers and Panelists:



### Welcome and Introduction

#### **Mr Carlo THELEN**

##### President of the Cluster for Logistics

Mr Thelen is Director General of the Chamber of Commerce of Luxembourg. Member of the Executive Committee since August 2003, "Chief Economist" he was appointed Director General in January 2014. Mr Thelen is President of the Logistics Cluster since December 2013.



### The government's view

#### **Mr Nicolas SCHMIT**

##### Minister of Labour, Employment and Immigration

Mr Nicolas Schmit was appointed Minister of Labour, Employment and the Social and Solidarity Economy on 4 December 2013 in the coalition government formed by the Democratic Party, the LSAP and the Green Party.



### Adding learning capabilities to our robots and allow them to share information will improve their capabilities

#### **Mr Paul Ribus**

##### General Manager FANUC Benelux

Mr. Ribus joined the FANUC Benelux office located in Mechelen (Belgium) in 2002 and he was appointed General Manager in April 2006.



### Consolidation of Logistics for a robotics and machine manufacturer in Luxembourg

#### **Mr Andrea SCAMMACCA**

##### Head of European Supply Chain, FANUC Europe

After FANUC merged three Companies to one, Andrea Scammacca has been involved in harmonising and optimising processes in order to bring efficiency to the Luxembourg organisation and the 19 different Subsidiaries in Europe. The presentation will provide an overview of the actions taken and the experience gained.



### Pioneering Deep Learning to guide robots in warehousing & logistics

#### **Mr Herbert TEN HAVE**

##### CEO, Fizyr

Fizyr enables robots to handle unknown objects that vary in shape, size and colour. We are specialised in generating accurate, robust robotics vision integration for high demanding warehousing and logistics. Fizyr is a spin off of the Delft Technical University. Herbert ten Have, CEO of Delft Robotics studied Analytical Chemistry and became product and marketing manager at Beckman Instruments (GSK)



### The view from the Cluster: How to meet the global challenges in Industry 4.0 and robotics through performance logistics & supply chains locally

**Mr Malik ZENITI**

Senior Manager of the Cluster for Logistics

Malik Zeniti will address the necessary steps to take to meet the challenge. Mr Zeniti joined the Cluster for Logistics to manage, coordinate, drive activities and reinforce synergies.



### The network view: How CSCMP supports supply chain professionals to build competence and inspires smart logistics

**Mr Jeroen BOLT**

President, CSCMP Benelux Roundtable

CSCMP is dedicated to educate and connect the world's supply chain professionals. Jeroen, from his role serving for the CSCMP Benelux as well as his background within the industry and entrepreneurship, is driven to support supply chain professionals advancing their career, network and knowledge.



### Robotics Process Automation in Logistics

**Mr Ajay Bali**

Director, Ernst & Young Business Advisory Services

Ajay will provide an overview of Robotics Process Automation, benefits it has delivered and how RPA is enabling digital transformation in Logistics and supply chain and use cases around the same. Ajay is a Director within EY and leads the

Digital and Analytics practice in Luxembourg and is also part of the leadership group within EY for RPA in Western Europe Market.



### Say "Hello" to Watson on the Shopfloor - AI and Cognitive Manufacturing in Action

**Mr Thorsten SCHRÖER**

Director IBM Industrial Sector

Artificial Intelligence is at its peak and robotics takes full advantage of it. IBM works since 3 decades on robotics domain and deployed IBM Watson to various use cases in the industry, from basic chatbots to concierge services to manufacturing

robots on the shop floor. The Presentation will provide overview and the experience gained over the years including case studies and references. Thorsten Schröder leads the IBM business segment Automotive and Electronics in Germany.



### Robotics and the Future of Order Fulfillment

**Mr Vikas ENTI**

Robotics International Programs - Amazon Robotics LLC

Vikas will address the current application of robotics at Amazon and explores on the future scope of robotics in the e-commerce industry. How has robotics changed the nature of work at Amazon? What are the engineering challenges at the system for large scale robotic fulfillment centers? Vikas is passionate about

complex systems, robotics and human augmentation. He is the Head of International Programs at Amazon Robotics and is responsible for the launch and performance of robotic fulfillment centers in Europe and Japan.

## Today's program

13:00-14:00

### **Registration and light lunch**

14:00-14:05

### **Welcome and introduction**

*Mr Carlo Thelen, Director General - Chamber of Commerce, President - Cluster for Logistics*

14:05-14:15

### **The government's view**

*Mr Nicolas Schmit, Minister of Labour, Employment and Immigration*

14:15-14:40

### **Consolidation of European Logistics for a robotics and machine manufacturer in Luxembourg**

*Mr Paul Ribus, General Manager - FANUC Benelux*

*Mr Andrea Scammacca, Head of European supply chain - FANUC Europe*

14:40-15:05

### **Pioneering Deep Learning to guide robots in warehousing & logistics**

*Mr Herbert ten Have, Fizyr - CEO*

15:05-15:15

### **The View from the Cluster: How to meet the global challenges in Industry 4.0 and robotics through performance logistics and supply chains locally**

*Mr Malik Zeniti, Senior manager - Cluster for Logistics*

15:15-15:30

### **The Network view: How CSCMP supports supply chain professionals to build competence and inspires smart logistics**

*Mr. Jeroen Bolt, CSCMP Benelux Roundtable, The Netherlands*

15:30-15:55

### **Coffee Break**

15:55-16:10

### **Robotics Process Automation in Logistics**

*Mr Ajay Bali, Director, Ernst & Young Business Advisory Services S.à r.l.*

16:10-16:35

### **Say "Hello" to Watson on the Shopfloor - AI and Cognitive Manufacturing in Action**

*Mr Thorsten Schröer, Director - IBM Industrial Sector*

16:35-17:00

### **Robotics and the Future of Order Fulfillment**

*Mr Vikas Enti, Robotics International Programs, Strategy & Launch (INTL) - Amazon Robotics LLC*

17:00-18:00

### **Panel Discussion: Meeting the AI and robotics challenge: What Luxembourg needs to address to develop into a smart European Hub for logistics**

Moderators: *Mr Jeroen Bolt, Mr Malik Zeniti*

Panellists:

*Mr Tom Leys, Head of Logistics Engineering for Belgium and Luxembourg, Kuehne + Nagel*

*Mr Andrea Scammacca, FANUC Europe*

*Mr Thorsten Schröer, IBM Industrial Sector*

*Mr Vikas Enti, Amazon Robotics*

*Mr Herbert ten Have, Delft Robotics*

18:00-19:30

### **Networking event: Drinks and light walking dinner**